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PLANNING BOARD GRAFTON, MA

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PROJECT DESCRIPTION AT 81 CREEPER HILL ROAD

The proposed work is the construction of a 13,998 square foot building addition on the northerly side of the existing Dimitria Delights facility at 81 Creeper Hill Road.

An Order of Conditions was previously issued by the Grafton Conservation Commission and a Special Permit with Site Plan Approval was issued by the Grafton Planning Board.

But the Applicant and Owner, Colorio Realty Trust, realized that there were aspects of the approved plan which it did not like. A long retaining wall was proposed off the north side of the addition to allow infiltration and detention in that area. But this drainage work and the wall construction would conflict with the existing playing field that the applicant has generously allowed on its property.

Also, there was an installation of a device called a "Tree box" proposed to address the need to remove total suspended solids from pavement runoff. DEP's Stormwater Management Handbook says that the tree and soil media in these devices are likely to need to be changed every 5 to 10 years. The applicant realized that this treatment measure is too maintenance intensive.

The Applicant also wanted to make a couple minor changes to eliminate any roof over the dumpster area and change the proposed grades where the access drive meets the new building addition.

So, we observed and logged an additional deep observation hole to the east of the proposed addition's location. The soils observed were consistent with those observed and logged by the previous engineer. With this extra data, we are able to propose an infiltration structure to the northeast of the proposed addition and to eliminate the long wall off the north side of it.

We now propose two catch basins to pick up runoff from the pavement leading to and adjacent to the east and north sides of the addition. That captured runoff will be directed through a drain manhole and then a Contech CDS model 2015 stormwater filtration unit to reduce total suspended solids by more than 80% in accordance with DEP guidelines. The CDS unit will replace the "Tree box" previously proposed.